

FIG. 2

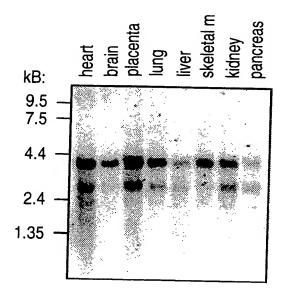


FIG. 3A

- 1 CGCGGAAGGGCCAGAATGGGACTCCAAGCCTGCCTCCTAGGGCTCTTTGCCCTCATCCTCTGGCAAATGCAGTTACAGCCCGGAGCCCG O н
- 91 ACCAGCGGAGGACGCTGCCCCCCAGGCTGGGTGTCCCTGGGCCGTGCGGACCCTGAGGAAGAGCTGAGTCTCACCTTTGCCCTGAGACAGC **[**24 H Н Ŋ Н 闰 闰 回 Д Ω ø ט Н Ø > O
- 181 AGAATGTGGAAAGACTCTCGGAGCTGGTGCAGGCTGTGTCGGATCCCAGCTCTCAATACGGAAAATACCTGACCCTAGAGAATGTGG × O O Ø ß Ω Ø > Ø O > н ഥ ល Н ø 闰
- CTGATCTGGTGAGGCCATCCCCACTGACCCTCCACACGGTGCAAAAATGGCTCTTGGCAGCCGGAGCCCAGAAGTGCCATTCTGTGATCA O) ď O Ø 4 н × O Н 271
- CACAGGACTTTCTGACTTGCTGGCTGAGCATCCGACAAGCAGAGCTGCTGCTCCCTGGGGGCTGAGTTTCATCACTATGTGGGAAGGACCTA ĪΨ 闰 Þ Ü Д н Н Ø O ĸ Н Ø Н 3 361
- CGGAAACCCATGTTGTAAGGTCCCCACATCCCTACCAGCTTCCACAGGCCTTGGCCCCCCATGTGGAACTTTGTGGGGGGACTGCACATT U > Ŀ Ω > 耳 ρι Ø Н O Д Н O × Д H ശ 451
- TTCCCCCAACATCATCCTGAGGCAACGTCCTGAGCCGCAGGTGACAGGGACTGTAGGCCTGCATCTGGGGGGTAACCCCCTCTGTGATCC н G L H > E G Н > O ρ₄ ы д æ O ρ4 н 541
- <u>GTAAGCGATACAACTTGACCTCACAAGA</u>CGTGGGCTCTGGCACCAGCAATAACAGCCAAGCCTGTGCCCAGTTCCTGGAGCAGTATTTCC Ċ! ບ O ß U Α Ø ß 631
- **ATGACTCAGACCTGGCTCAGTTCATGCGCCTCTTCGGTGGCAACTTTGCACATCAGGCATCAGTAGCCCGTGTGGTTGGACAACAGGGCC** > Ø K Q П Ŀ Z [24 ø Σ 721
- GGGGCCGGGCTTGAGGCCAGTCTAGATGTGCAGTACCTGATGAGTGCTGGTGCCAACATCTCCACCTGGGTCTACAGTAGCCCTG 3 ß н z Ċ S S Н H ഗ 811
- GCCGGCATGAGGGACAGGCCTTCCTGCAGTGATGAGTCAGCCCTGCCACATGTGCTGTGAGCTATG R H E G O E P F L Q W L M L L S N E S A L P H V H T V S Y G 901

FIG. 3B

- GAGATGATGAGGACTCCCTCAGCAGCGCCTACATCCAGCGGGTCAACACTGAGCTCATGAAGGCTGCTGCTCGGGGTCTCACCTGCTGCTCT O 166
- TCGCCTCAGGTGACAGTGGGGCCGGGTGTTGGTCTGTCTCTGGAAGACACCAGTTCCGCCCTACCTTCCCTGCCTCCAGCCCCTATGTCA Ø ß K Д Œ H Д 24 14 O H ρ4 Ö ഗ > S 3 Д 1081
- **CCACAGTGGGAGGCACATCCTTCCAGGAACCTTTCCTCATCACAAATGAAATTGTTGACTATATCAGTGGTGGTGGCTTCAGCAATGTGT** Ēų U U Ü Ø Н × Δ > 闰 Z H Н Н Œ ρι 闰 Ø Ø H Ü 1171
- TCCCACGGCCTTCATACCAGGAGGAAGCTGTAACGAAGTTCCTGAGCTCTAGCCCCCCACCTGCCACCATCCAGTTACTTCAATGCCAGTG ſΞŧ S Ø ρι μ Н 耳 Д S S Ø Н [24 × H > ď 闰 闰 O Ø ρι ρι 1261
- GCCGTGCCTACCCAGATGTGGCTGCACTTTCTGATGGCTACTGGGTGGTCAGCAACAGAGTGCCCCATTCCATGGGTGTCCGGAACCTCGG p4 щ > Ø 1351
- CCTCTACTCCAGTGTTTGGGGGGATCCTATCCTTGATCAATGAGCACAGGATCCTTAGTGGCCGCCCCCCCTTTGGCTTTCTCAACCCAA U н ρι μ ø U Ø Н Н pc, ш 闰 z Н Н Ø H r 1441
- GGCTCTACCAGCAGCATGGGGCAGGACTCTTTGATGTAACCCGTGGCTGCCATGAGTCCTGTTTGGATGAAGAGGTAGAGGGCCAGGGTT O 团 闰 Ω Н U Ø 闰 耳 U Ö pc; Н > Ω ĪΨ Н Ö ď Ü 耳 O O 1531
- TCTGCTCTGGTCCTGGCATCCTGTAACAGGCTGGGGAACACCCCAACTTCCCAGCTTTGCTGAAGACTCTACTCAACCCCTGACCCT H × Н Н ď щ ĒΨ Z ρ, E٠ Ö 3 G H > Д Д |3 r Ö ß 1621
- TTCCTATCAGGAGAGATGGCTTGTCCCCTGCCCTGAAGCTGGCAGTTCAGTCCCTTATTCTGCCCTGTTGGAAGCCCTGCTGAACCCTCT 1711
- CAGGICTCCCTACTCCTGCCTTAGATTCCTCAATAAGATGCTGTAACTAGCATTTTTTGAATGCCTCCTCCCGCATCTCATCTTTTTTT ACTATTGACTGCTGCAGACAGCTTATCTCCCTAACCCTGAATGCTGTGAGCTTGACTTGACTCCCAACCCTACCATGCTCCATACT 1891
 - TTTTCAATCAGGCTTTTCCAAAGGGTTGTATACAGACTCTGTGCACTATTTCACTTGATATTCCATTCCCCAATTCACTGCAAGGAGACCT 1981
- CTACTGTCACCGTTTACTCTTTCCTACCCTGACATCCAGAAACAATGGCCTCCAGTGCATACTTCTAATCTTTGCTTTATGGCCTTTCC **ATCATAGTTGCCCACTCCCTCTTACTTAGCTTCCAGGTCTTAACTTCTCTGACTACTTGTCTTGTCTTCCTCTCTCATCAATTTCTGCTT** CTTCATGGAATGCTGACCTTCATTGCTCCATTTGTAGATTTTTGCTCTTCTCAGTTTACTCATTGTCCCCTGGAACAAATCACTGACATC 2071 2161
- 2341

FIG. 3C

2401 TGTAAGATGCGTGATACTCAACATTTCATCGTCCACCTTCCCAACCCCAACAATTCCATCTCGTTTCTTCTTGGTAAATGATGCTATGC AAAAAAAAAAA...

ACCTTAGTTTAGGGCTATATTCTCTTGAAAAAGTGTCCTTACTTCCTGCCAATCCCCAAGTCATCTTCCAGAGTAAAATGCAAATCC CCTTACCACCCCTGATACAACTGCCAGGTTAATTTTCCAGAATTCTTGCAAGACTCAGTTCAGAAGTCACCTTCTTTCGTGAATGTTTTGA TAGAGGACTAGAATCGTGTCCTATTTAACTTTGTGTTCCCAGGTCCTAGCTCAGGAGTTGGCAAATAAGAATTAAATGTCTGCTACACCG CTTAAATATATCTTTATCAGTCCACAAGTCCTTCCAATTATATTTCCCAAGTATATCTAGAACTTATCCACTTATATATCCCCCCACTGCTACT atcaggccacttggatgaaacccttcaaggattactggatagaattcaggctttcccctccasccccaatcatagctcacaaccttc ttccctgaggctactttattttggtatggctgaaaatcctagattttctaaaaacctgtttgaatcttgatttg gagagagactgggtcaagtaagcttatctccctgaggctgtttcctcgtctgttaagtgaatatcaattacctgcctttcataatcacc <u> AGGGAATAAAGTGGAATAATGTTGATAACAGTGCTTGGCACCTGGAAGTAGGTGGCAGATGTTAACGCCCTTCCTCCCTTGCACTGCGCC</u> 2581 2671 2761 3031 3211 3301 2491 2851 2941 3121

FIG. 4A

FIG. 4B

Normal LINCL Sample - Pepstatin 75000₇ Specific Activity (nmol/h/mg protein) Normal LINCL + Pepstatin 0 50₇ 40-9 20-10-Specific Activity (nmol/h/mg protein)